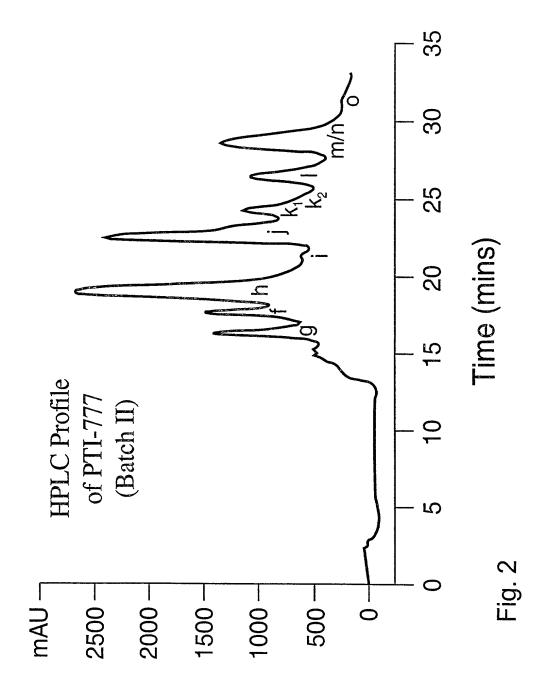
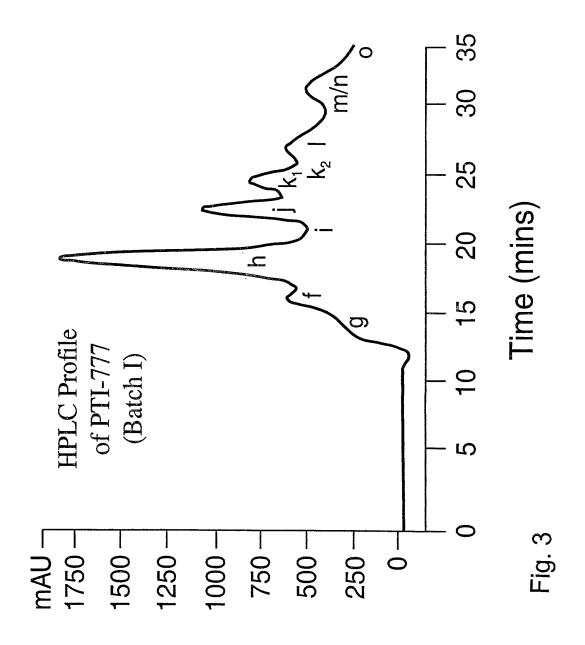


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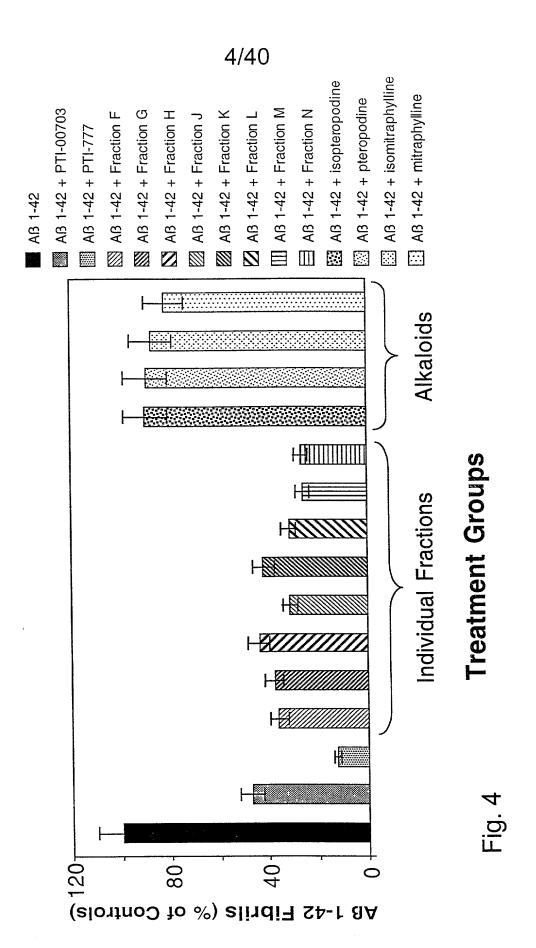




Fig. 5A



Fig. 5B

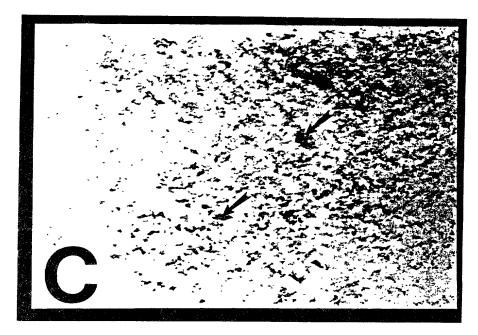
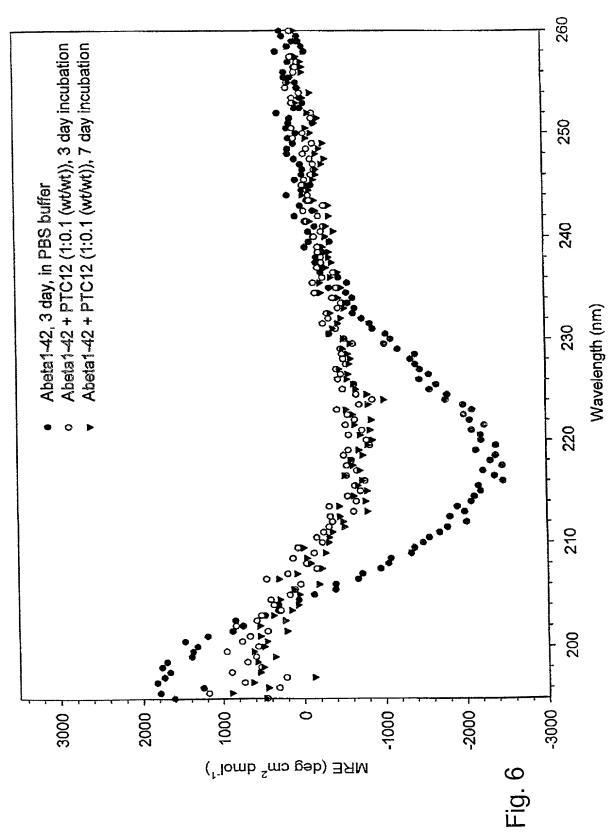


Fig. 5C



Fig. 5D



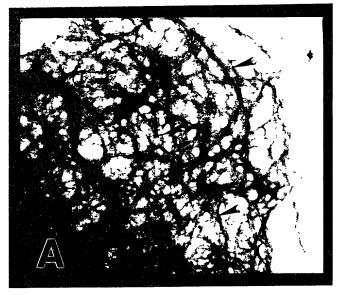


Fig. 7A

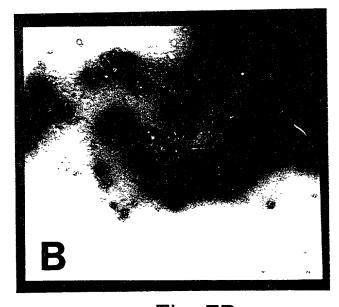
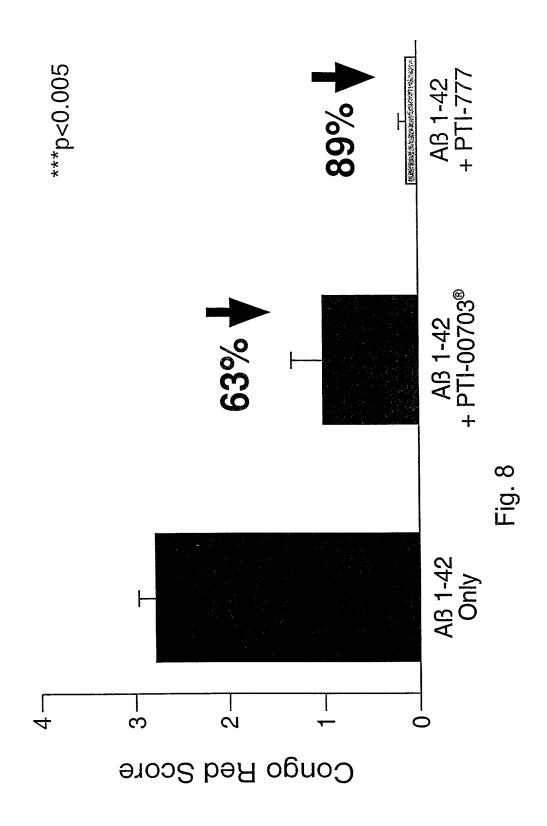


Fig. 7B



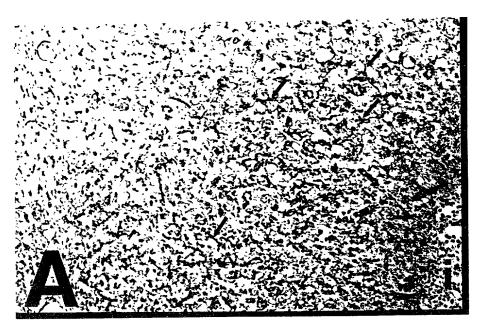


Fig. 9A

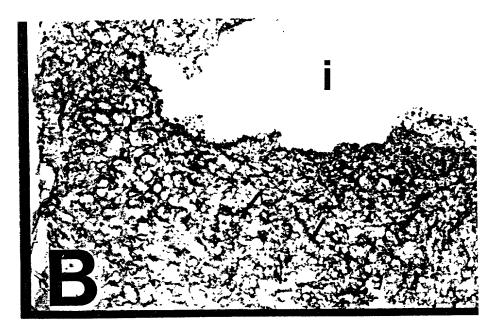


Fig. 9B

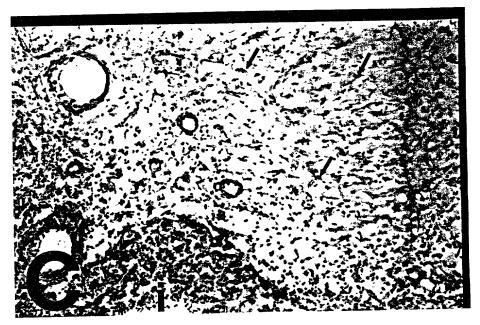
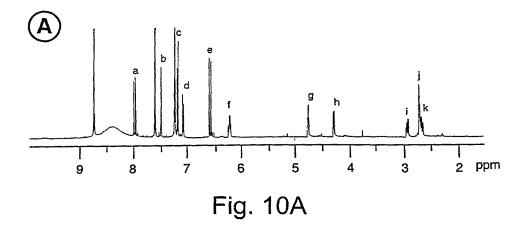


Fig. 9C



Fig. 9D



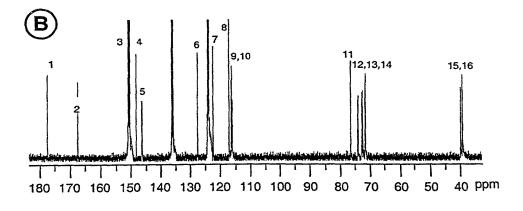
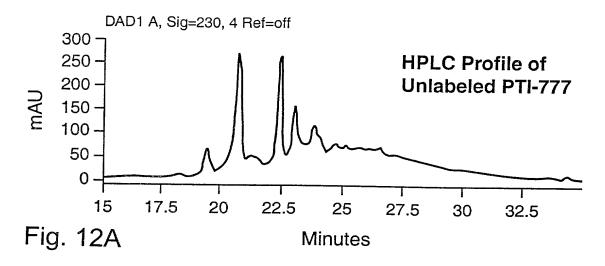
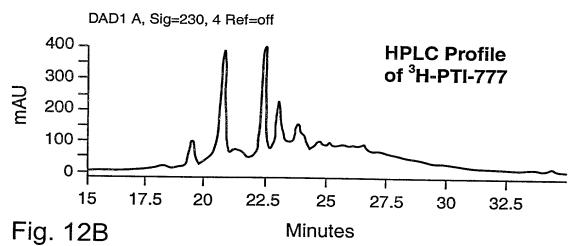
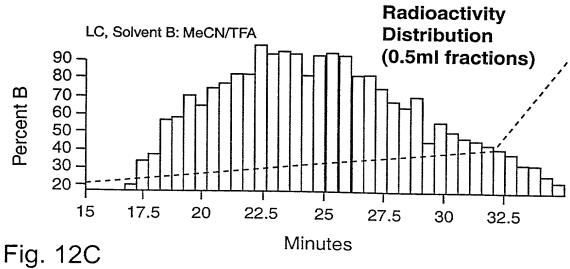
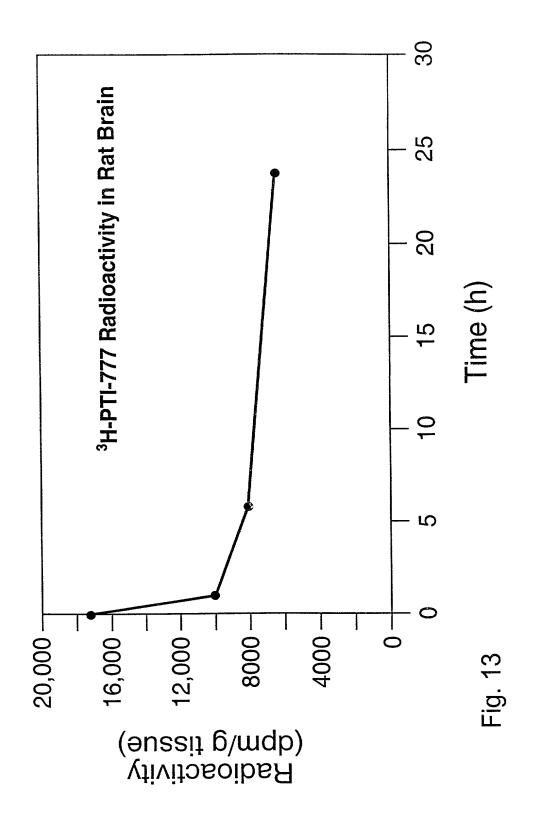


Fig.10B









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Jaguar Summed Mass Spectrum Report

File Name:

G:__41.dat

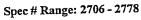
Time Run:

11/13/00 11:01:40 AM Report Created: 11/13/00 11:03:26 AM

Method Name: Sample ID:

Operator:

Instrument: **JAGUAR** Ionization Mode: ESI - positive ions



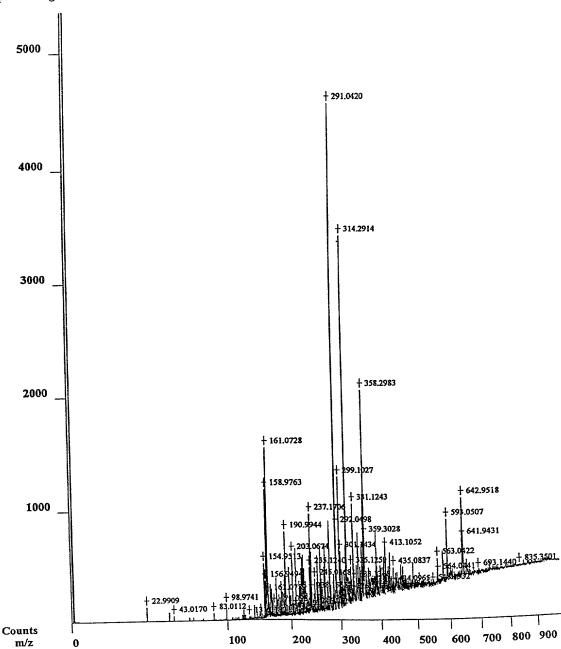
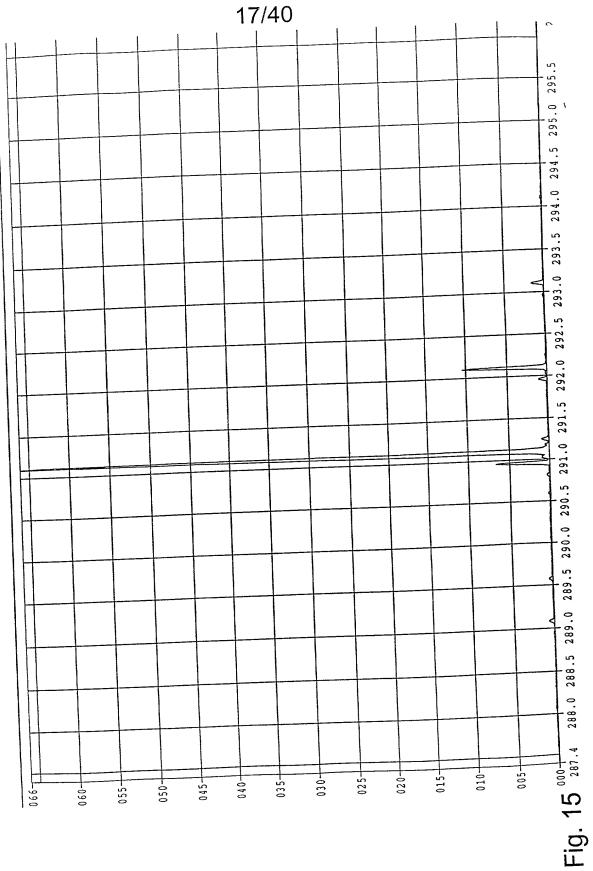


Fig. 14



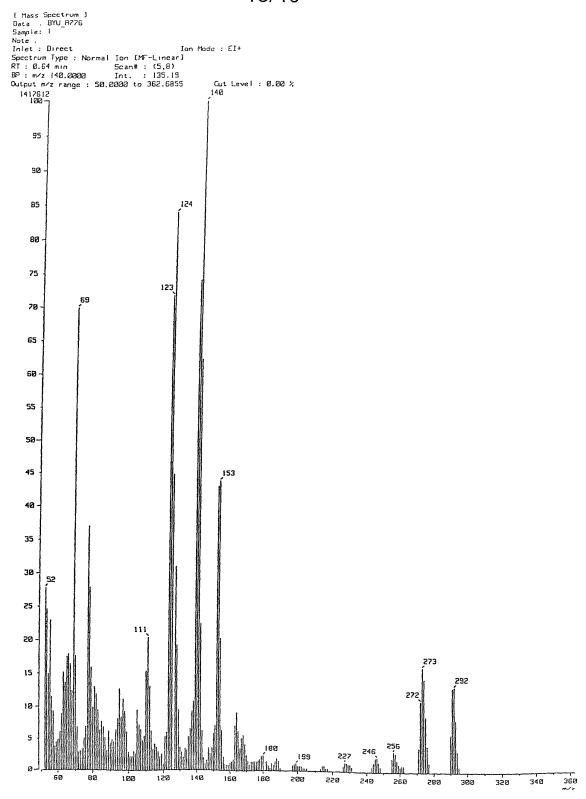


Fig. 16

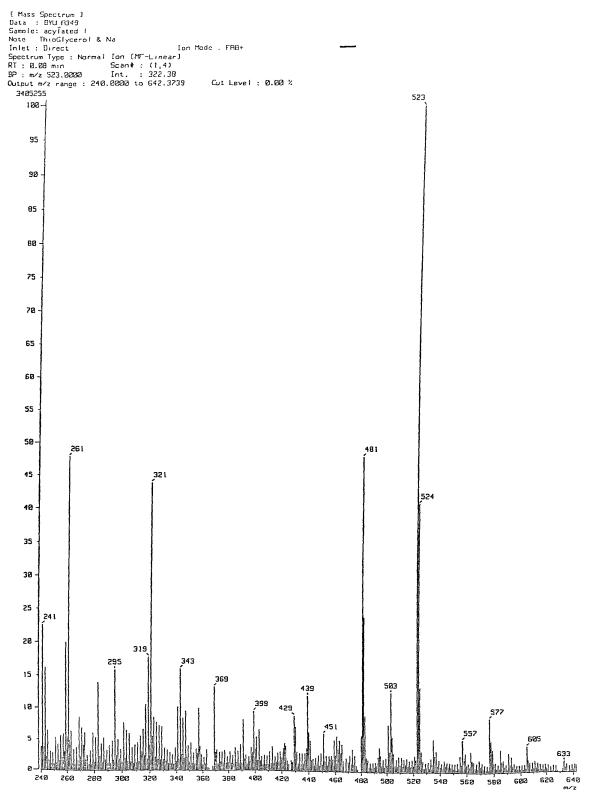


Fig. 17

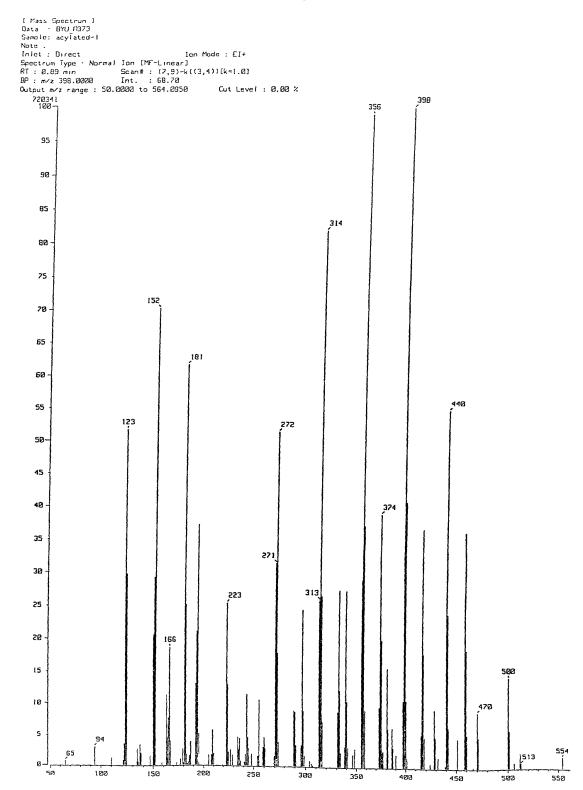
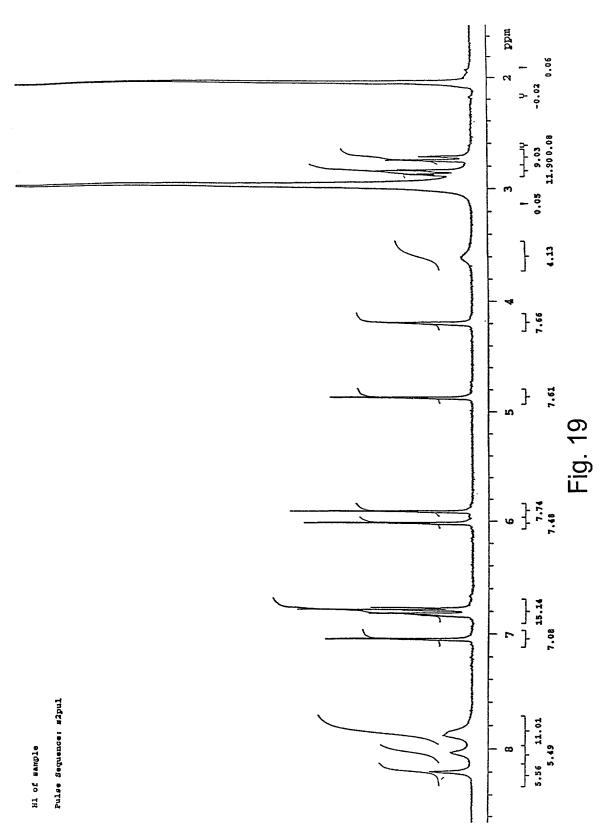
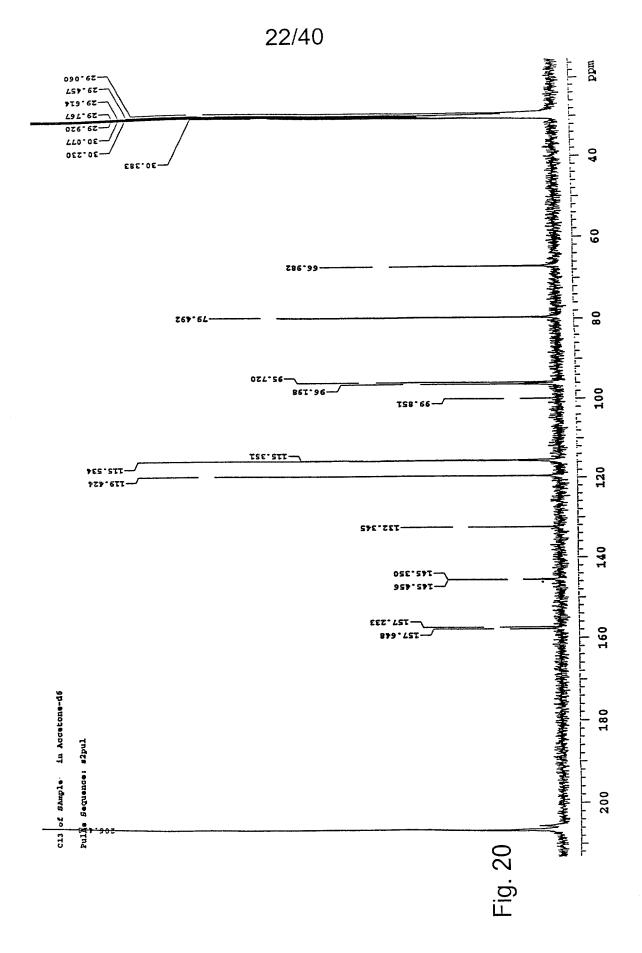
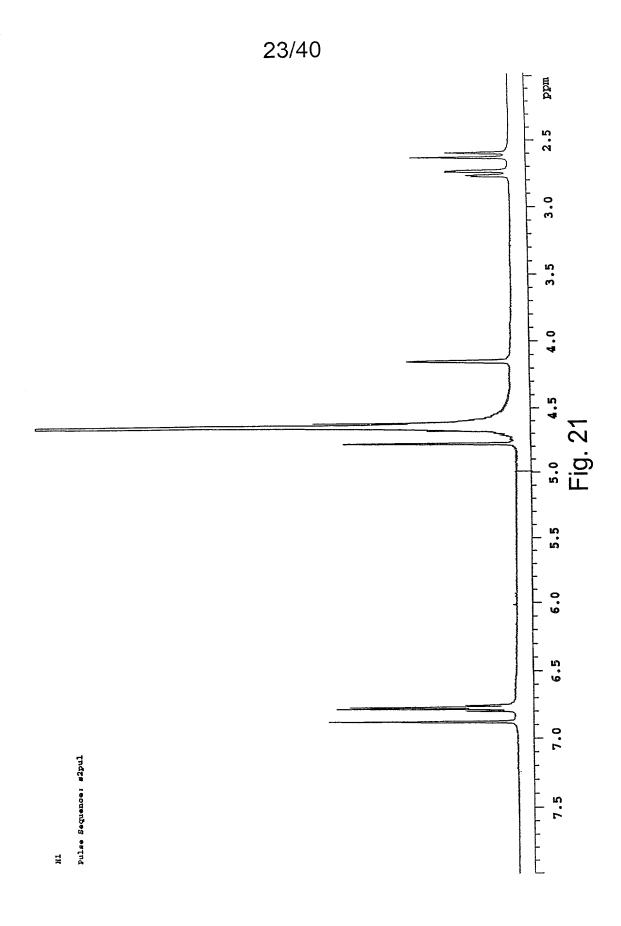


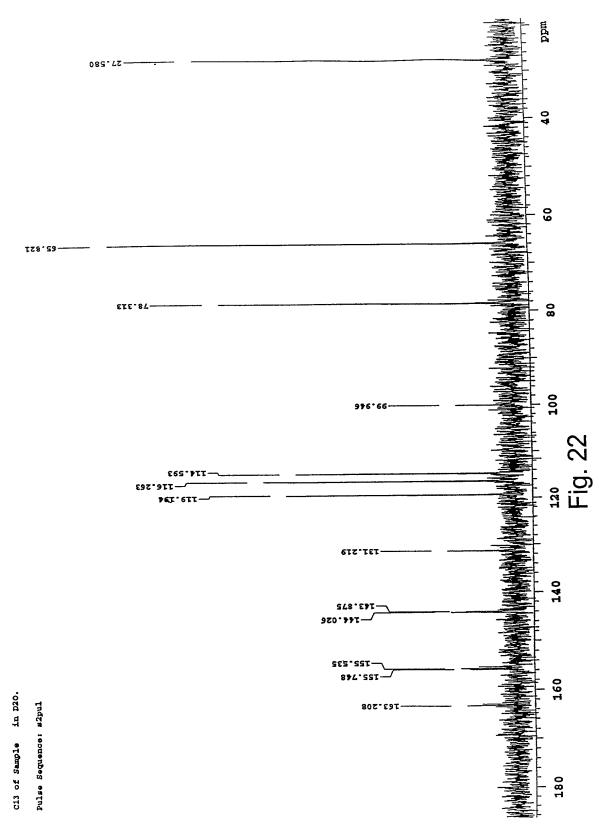
Fig. 18

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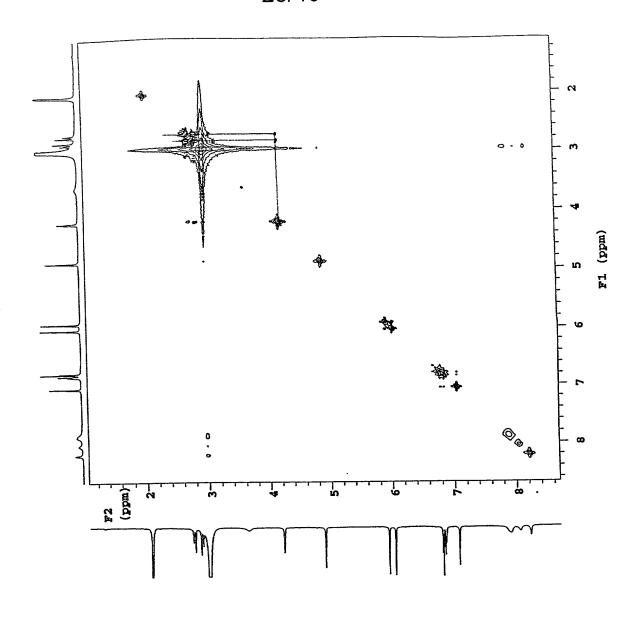
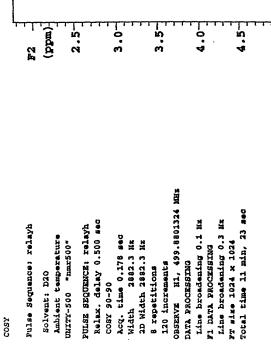


Fig. 23

Pulse Sequence: relayh
Solvant: Acetone
Ambient temperature
UNITY-500 "nms500"
PULSE SEQUENCE: relayh
COSY 90-90
Acq. time 0.302 sed
Width 3817.5 Hz
2D Width 3817.5 Hz
16 repetitions
15 increments
OBSENVE H1, 499.8814428 MHz
DATA PROCESSING
FI DATA PROCESSING

cosy of Sample



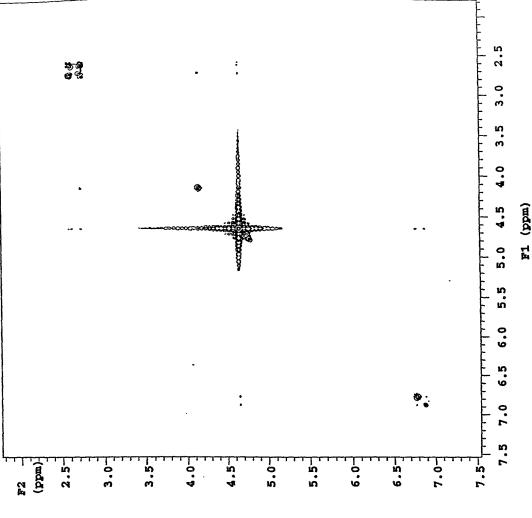
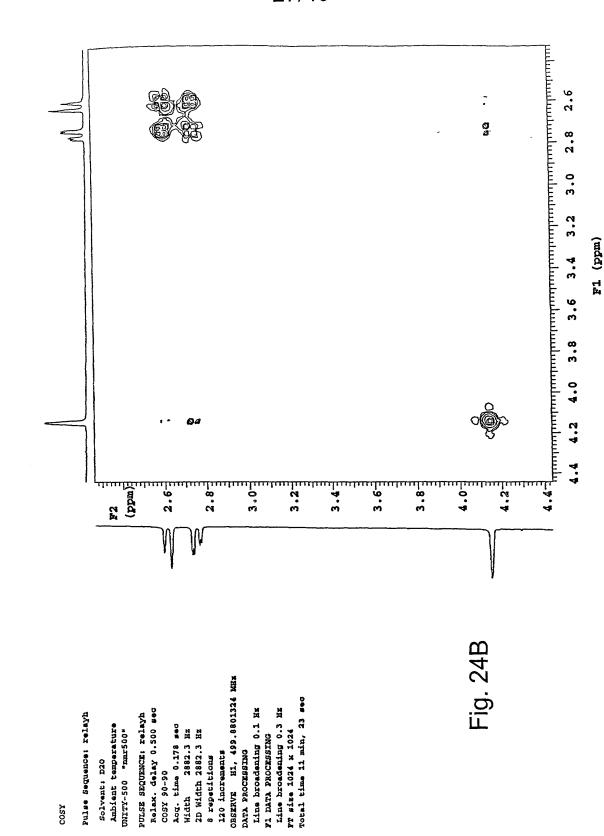
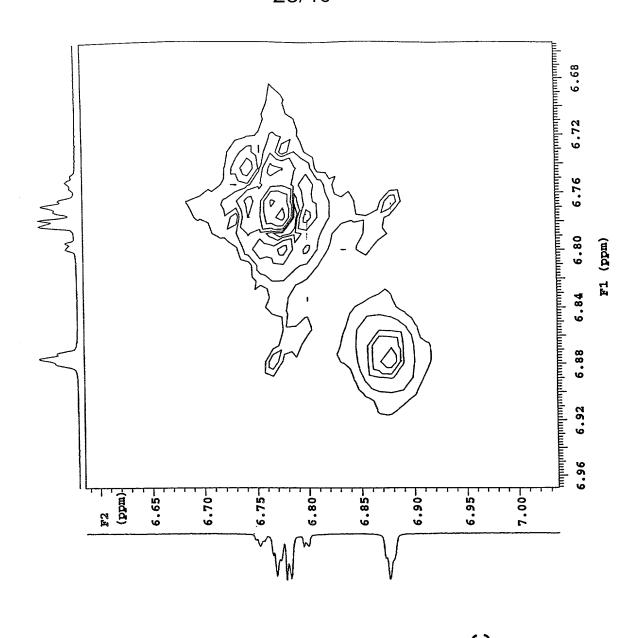


Fig. 24/

COSY





OBSERVE H1, 499.8801324 MHz

Acg. time 0.178 sec Width 2882.3 Hz 2D Width 2882.3 Hz 8 repetitions 120 increments

Line broadening 0.1 Ex

FI DATA PROCESSING DATA PROCESSING

Relax. delay 0.500 sed COSY 90-90

PULSE SEQUENCE: relayh

Ambient temperature UNITY-500 "nmx500"

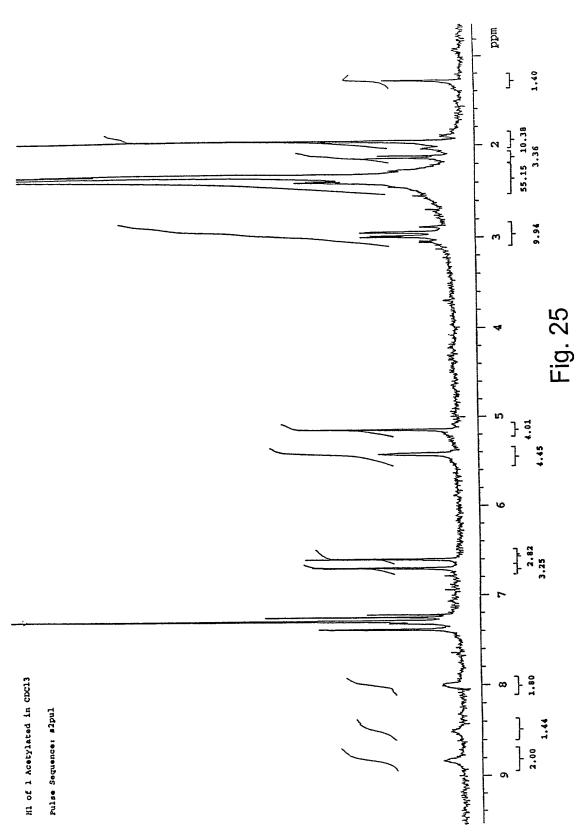
Solvent: D20

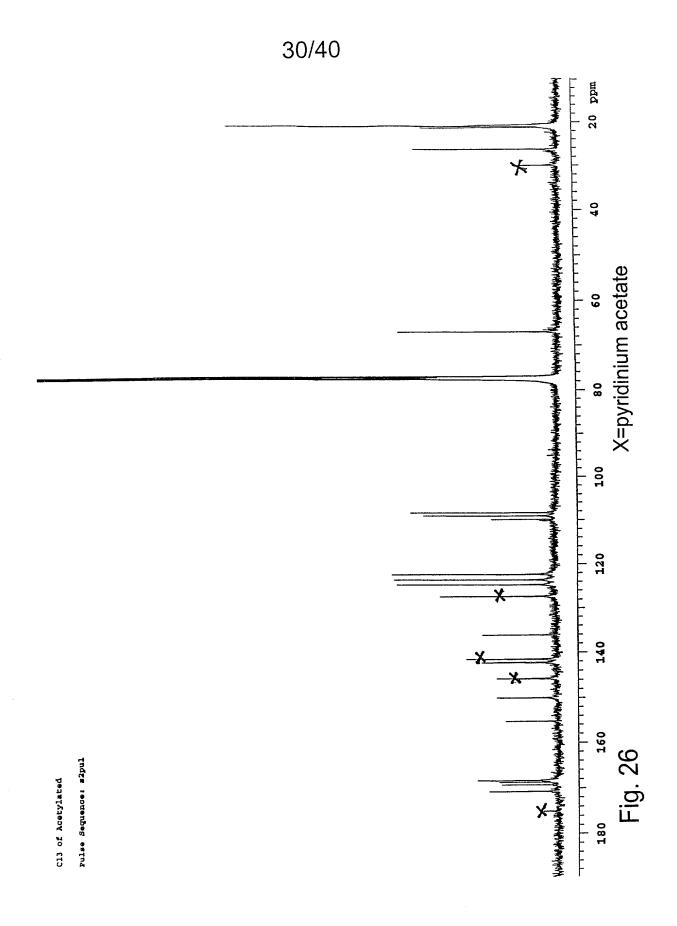
Pulse Sequence: relayh

COSY

Line broadening 0.3 Mr FT size 1024 x 1024 Total time 11 min, 23 sec

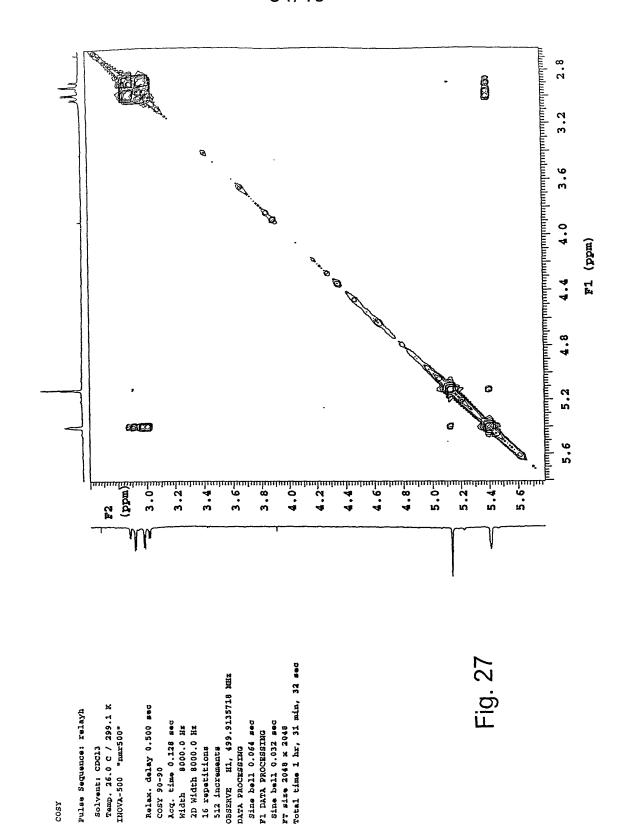
Fig. 24C

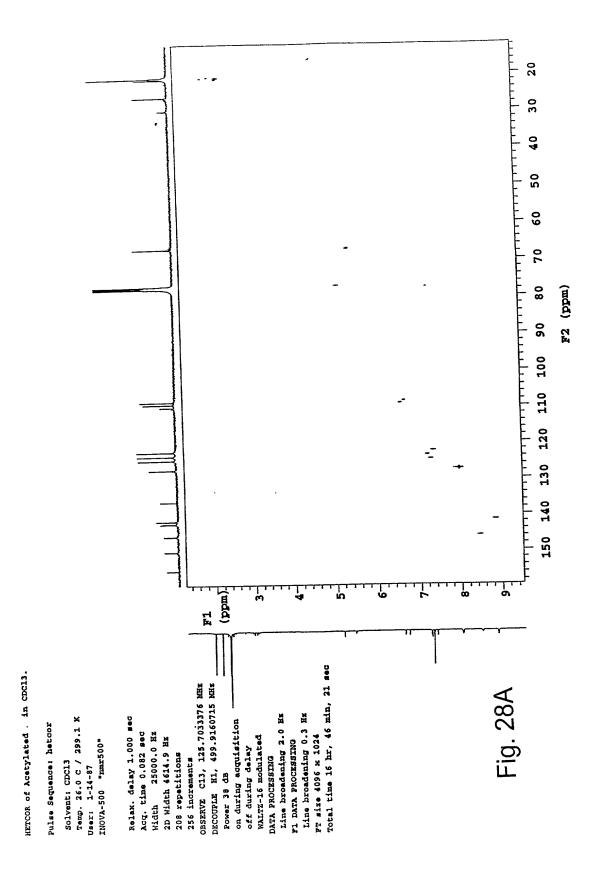


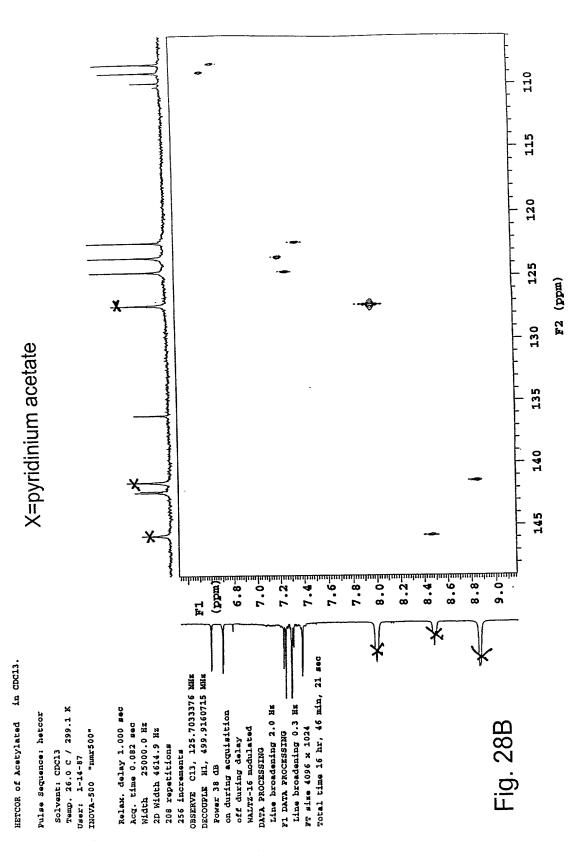


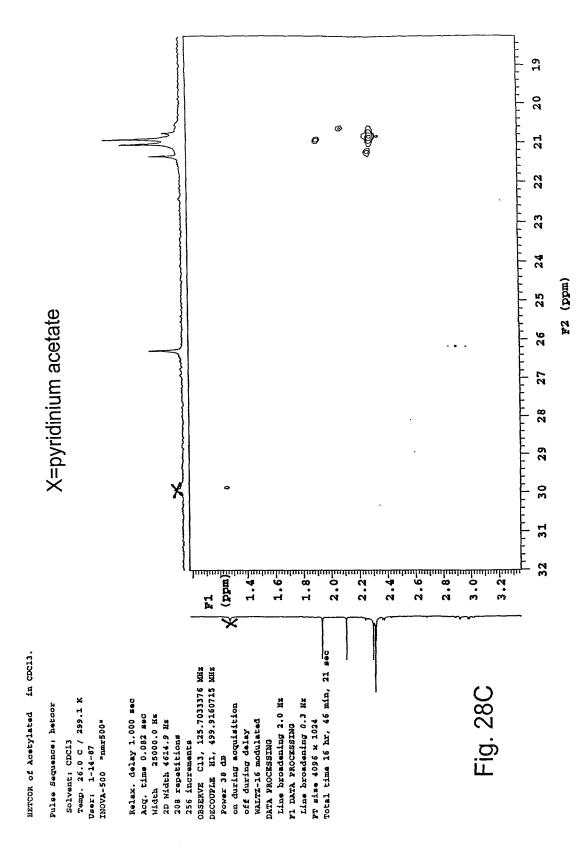
Solvent: CDC13 Temp. 26.0 C / 299.1 K INOVA-500 "nmr500"

Pulse Sequence: relayh









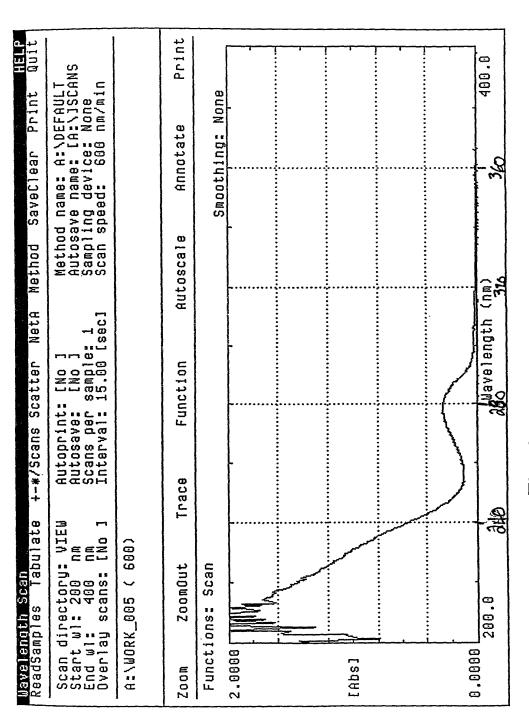


Fig. 29

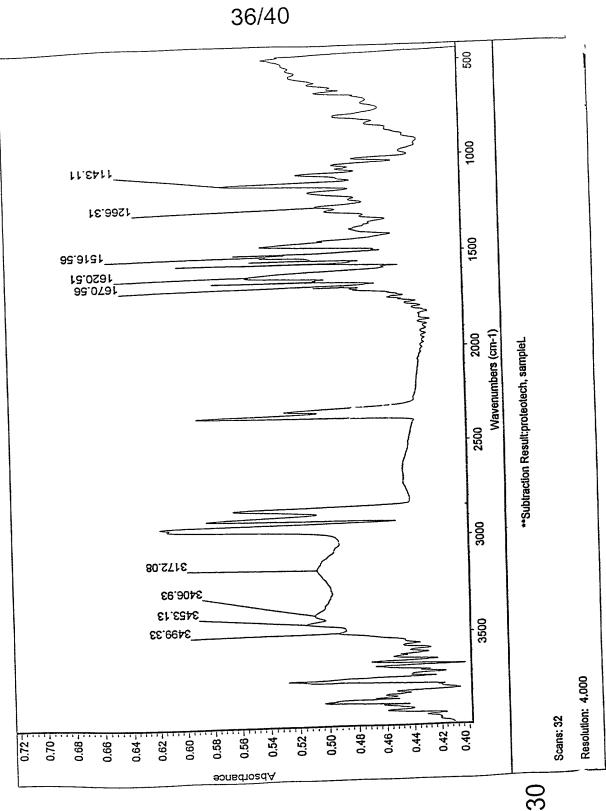
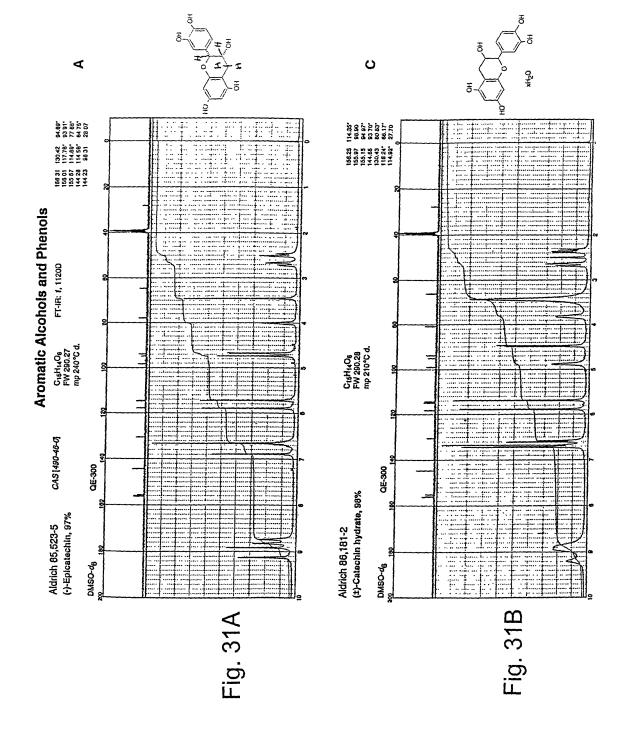
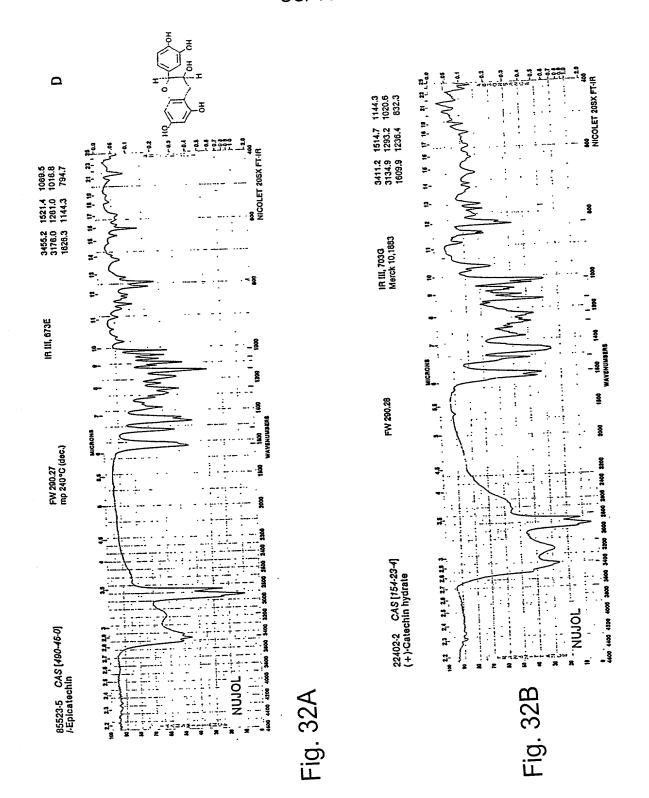


Fig. 30



from the first than the first than the second term and the second that the first than the first



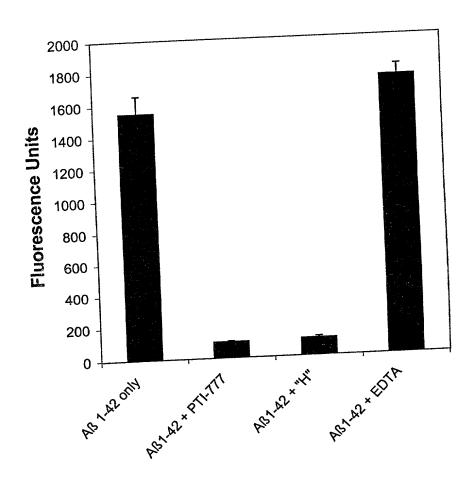


Fig. 33

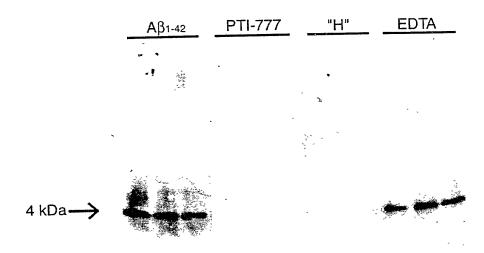


Fig. 34